

SECTION L – ATTACHMENT 10

COST ASSUMPTIONS/INFORMATION

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For pricing purposes, the following assumptions for the identified WBS elements shall be used:

C.2.3 Facility D&D

Cranes within the Process Buildings

Facility cranes and elevators will require repairs, upgrades and certification prior to use during D&D. All cranes were certified and operable at the end of FY 2005, since then the certifications have not been maintained. Assume \$10,000 per crane for upgrades and repairs and \$5,000 per crane for certification. After the initial upgrade and repairs the offeror shall estimate maintenance and repair costs based upon its proposed crane usage.

Crane Information

Bldg.	Qty.	Capacity	Primary Use
X-333	10	15 ton	Coolant condensers, water control valves and piping.
X-333	10	38 ton	Process converters, motors, compressor, block valves and process piping.
X-333	1	20 ton	Outdoor (Law)
X-333	1	23 ton	Bridge Crane serving middle of building above unit bypass lines
X-330	22	15 ton	Process converters, motors, compressor, block valves and process piping.
X-330	11	2 ton	Coolant condensers, water control valves, and piping
X-330	2	20 ton	Outdoor (Tails)
X-326	20	5 ton	Process converters, motors, compressor, block valves and process piping.
X-326	1	20 ton	Extended Range Product (ERP) Station

C.2.4.1 Solid Waste Management Units (SWMUs): The DOE incurred cost in fiscal year 2008 of \$3.0M associated with the activity identified in C.2.4.1. Offerors shall assume the activity associated with the SWMUs will remain consistent with FY 2008 incurred costs over the life of the contract.

C.2.4.2 Soil Characterization and Remediation

The estimated contaminated soil quantity for X-333 is 160,552 CY
The estimated contaminated soil quantity for X-330 is 159,363 CY
The estimated contaminated soil quantity for X-326 is 144,043 CY
(Also see attachment L-11 RFI Report Information for X-326, X-330 and X-333)

C.2.4.3 Groundwater Monitoring and Remediation: The DOE incurred cost in fiscal year 2008 of \$3.4M associated with the activity identified in C.2.4.3. Offerors shall assume the activity associated with Groundwater Monitoring and Remediation will remain consistent with FY 2008 incurred costs over the life of the contract.

(Also see attachment L-11 RFI Report Information for X-326, X-330 and X-333)

C.2.5 Waste Management

The Equipment and Other Material Quantities Sheets are provided for each of the major process buildings (X-333, X-330 and X-326) in the attached Excel spread sheets. The quantities as provided are based on "In-Place" quantities, therefore the final disposal quantities may be different based upon the offerors technical approach. The quantities have been grouped under various categories (junk removal, hazardous materials, process equipment/systems, etc.) for each major process building. It is the offeror's responsibility to evaluate and determine the waste classification of all the material listed.

The offeror will be responsible for the identification, characterization, packaging, transportation and disposal of any secondary waste that may be generated based on its technical approach.

Following assumptions should be used for the waste disposal:

100% of the waste generated will be disposed of offsite until the OSWDF becomes available to receive waste, after that time the following table shall be employed:

Waste Disposal Path Allocation

Facility & Waste Type	Onsite (in Quantities)	Offsite (in Quantities)
X-326,X-330,X-333 Building Debris	50%	50%
X-326,X-330,X-333 Process Equipment	50%	50%
Building Slabs, Foundations, & Contaminated Soils	50%	50%

For building X-333, X-330 and X-326 the process equipment/systems to be disposed of offsite shall be equally divided by component (e.g., 50% of the converters, compressors, process piping and fittings etc. go offsite, 50% can be disposed of onsite). Deposit removal from the three GDP buildings will be complete prior to assignment. Assume the converters, compressors and motors will be removed whole. The converters are to be removed and disposed of as one piece for security reasons. The other components may be size reduced for disposal.

For pricing purposes it is assumed the OSWDF can accept classified material. Any classified material disposed of offsite must be disposed at the Nevada Test Site (NTS). The disposal rate at NTS is \$14.51/cu.ft. and any waste being disposed of at NTS will use this disposal rate.

Additionally, offerors may refer to the DOE National Contract for Disposal of LLW at Energy Solutions, Clive, Utah, posted on the Portsmouth D&D website. Offerors may refer to the Railroad Infrastructure at the Portsmouth Gaseous Diffusion Plant - December 2007 report posted on the Portsmouth D&D web site. The offerors shall assume that DOE does not have any railroad tenders associated with the Portsmouth site available at this time.

C.2.5.4 On-Site Waste Disposal Facility (OSWDF)

C.2.5.4.2 OSWDF Construction (Option)

Offeror shall use the specific assumptions (design, size, waste volumes, WAC, construction etc.) contained in this cost assumptions/ information and the reference documents titled "TPMC Conceptual Design Report for the D&D Project at the PGDP – September 2006" and "Portsmouth D&D Project On site Waste Disposal Facility Conceptual Design – Final Submittal – August 2006" contained in the Portsmouth Gaseous Diffusion Plant Acquisition website, Reference Documents.

C.2.5.4.3 OSWDF Startup and Operations (Option)

Offeror shall use the specific assumptions (design, size, waste volumes, WAC, construction etc.) contained in this cost assumptions/ information and the reference documents titled "TPMC Conceptual Design Report for the D&D Project at the PGDP – September 2006" and "Portsmouth D&D Project On site Waste Disposal Facility Conceptual Design – Final Submittal – August 2006" contained in the Portsmouth Gaseous Diffusion Plant Acquisition website, Reference Documents.

C.2.6 Nuclear Material Storage, Disposition and Accountability: The DOE incurred cost in fiscal year 2008 of \$.4M associated with the activity identified in C.2.6. Offerors shall assume the activity associated with the **NMC&A and DSMA activities** will remain consistent with FY 2008 incurred costs over the life of the contract.

C.2.7.3.4 Radiation Protection, Radiological Site Services

Offeror shall assume \$300,000 per year for providing health physics and radiological services.

C.2.7.3.5 Industrial Hygiene

Offeror shall assume \$250,000 per year for providing industrial hygiene services and health and safety services equipment.